

Page 1, between lines 3 and 4; insert the following

92

-- Brief Description of the Related Art -- .

Page 1, between lines 25 and 26; insert the following

93

-- Summary of the Invention -- .

Page 2, between lines 22 and 23; insert the following

-- Brief Description of the Drawings

Figure 1 shows a simplified diagram of carbohydrate metabolism with reference to plant storage tissues such, for example, as potato tubers. In Figure 1 the broken lines indicate tentatively assumed pathways.

Figure 2 shows the procedure used to produce a chimaeric PFK gene.

Figure 3 shows the immunodetection of E. coli PFK activity. PFK was immunoactivated with antisera raised to the introduced E. coli PFK. Antisera was mixed with equal amounts of PFK activity (1 nmole F6P consumed min⁻¹) from two transgenic lines expressing PFK (PFK22, 0; PFK8,+), two transgenic lines one not expressing PFK (PFK16*) and expressing GUS (PS20-12), or E. coli PFK (x). Bound PFK was removed with protein A and the activity not removed assayed

94 (Kruger et al), Archives of Biochemistry and Biophysics 267
690-700, 1989.

DETAILED DESCRIPTION OF THE PREFERRED
EMBODIMENTS OF THE INVENTION -- .

Page 5, line 19; change "(EC 3.6.1.21)" to read

-- (EC 2.7.7.27) -- .

Page 11, line 21; ~~change~~ "illustrates" to

-- illustrate -- .

Page 11, lines 22-30; delete lines 22-30 in their
entirety.

Page 12, lines 1-8; delete lines 1-8 in their entirety.